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CUSTOM RATES SURVEY

FERTILIZER AND HERBICIDE APPLICATIONS AND GRAIN SEEDING

1986

Alberta
AGRICULTURE
STATISTICS BRANCH
427 4011

88-05653/

PREFACE

The Custom Rate Survey is conducted for Alberta Agriculture as a cooperative effort involving the Department Statistics Branch, Farm Business Management Branch and Unifarm.

The data presented in this report was obtained by contacting custom operators and dealers and thus represent actual charges. Please note that some instances may be GNR (Good Neighbor Rates) as opposed to CR (Commercial Rates). The reader should be aware that varying conditions in different areas of the province can significantly affect the rates charged.

The intent of the survey is to provide producers with additional information to help with their farm management decisions. The quality of data is dependent on the cooperation received by producers as well as commercial custom operators. We would like to thank all those who were so willing in helping to provide information. If you are involved in any custom operations and have not been contacted but wish to contribute please call the following numbers or contact your local District Agriculturist.

Alberta Agriculture
Statistics Branch
Edmonton, Alberta
403-427-4011

Alberta Agriculture
Farm Business Management Branch
Olds, Alberta
403-556-8421

I.D. 24
I.D. 23
I.D. 18
I.D. 17
6
4
5
3
2
1
I.D. 10
LEGEND
Regional Offices
Region 1 - Lethbridge
2 - Airdrie
3 - Red Deer
4 - Vermilion
5 - Barrhead
6 - Fairview
Edmonton
Calgary

LEGEND

OPERATIONS

CS - CROP SEEDING
FA - FERTILIZER APPLICATION
HA - HERBICIDE APPLICATION

PRODUCT FORM

A - ANHYDROUS AMMONIA
G - GRANULAR
L - LIQUID

APPLICATOR

PT - PULL TYPE
TM - TRUCK MOUNT
FL - FLOATER
AS - AIR SEEDER
FW - FIXED WING
H - HELICOPTER

NOTES

CULT - CULTIVATOR
HERB - HERBICIDES
FERT - FERTILIZER
GNR - GOOD NEIGHBOR RATE

FERTILIZER APPLICATION 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
1	MD14	FA	G	PT WILLMAR	$6/TONNE		WITH PURCHASE OF PRODUCT
1	MD14	FA	G	TM BARBER DRIBBLE		$3/AC	
1	MD14	FA	L	FW GRUMMAN		$5/AC	4 GALLONS WATER
1	MD26	FA	L	TM CENTURY		$2.75/AC	10 GALLONS WATER
1	MD26	FA	G	AS JOHN DEERE		$6/AC	DEEP BANDING
1	MD26	FA	G	TM BARBER DRIBBLE		$2.75/AC	
1	MD6	FA	G	PT WILLMAR		$2/AC	
1	MD6	FA	A	PT MCGREGGOR	$50/TONNE		WITH PURCHASE OF PRODUCT
1	MD9	FA	G	PT WILLMAR	$40/DAY		
1	2	FA	G	FL AG CHEM		$2.50/AC	
1	2	FA	G	FL LOR-AL		$3/AC	
1	2	FA	G	FL LOR-AL EASY RIDER		$3/AC	
1	2	FA	L	TM SURFACE SPANNER	$1.50/AC		
1	2	FA	G	PT SMITH-BUILT	$3/AC		BANDING UNIT
1	2	FA	G	AS PRASCO		$6.50/AC	WITH ANHYDROUS OR SEEDING
1	2	FA	A	PT WAMCO	$25/TONNE		WITH PURCHASE OF PRODUCT
1	2	FA	L	PT GREEN DROP	$1.50/AC		
1	2	FA	G	PT WILLMAR	$5/TONNE		WITH PURCHASE OF PRODUCT
1	2	FA	G	PT WILLMAR	$25/DAY		
1	4	FA	G,A	PT DUAL BANDER	$3/AC		WITH PURCHASE OF PRODUCT
1	4	FA	L	FW THRUSH COMMANDER		$4.20/AC	5 GALLONS WATER
1	4	FA	L	FL TERRIGATOR		$3.75/AC	
1	4	FA	G	TM WILLMAR		$3/AC	
1	4	FA	G	PT CONCORD	$3.50/AC		DEEP BANDING UNIT
1	4	FA	G	TM CUSTOM		$3/AC	
1	4	FA	L	PT BAND WAGON	$1.25/AC		
1	4	FA	G	PT CONCORD		$7/AC	DEEP BANDING
1	4	FA	G	TM FLOATER	$3/AC		WITH PURCHASE OF PRODUCT
1	4	FA	G	PT WILLMAR	$0.50/AC		WITH PURCHASE OF PRODUCT
1	5	FA	G	FL IHT		$3/AC	
1	5	FA	G	PT DEMPSTER	$0.50/AC		
1	5	FA	A	PT WESTERN ROCK BIT	$0.50/AC		
1	5	FA	L	PT PATTISON	$0.50/AC		
1	26	FA	G	FL LOR-AL AIRFLOW		$3.25/AC	
1	26	FA	G	PT WILLMAR	$2.50/AC		
1	26	FA	L	FW PAWNEE		$3.50/AC	2 GALLONS WATER
1	26	FA	L	PT GREEN DROP	$1/AC		
1	26	FA	G	PT VALMAR	$6/TONNE		WITH PURCHASE OF PRODUCT
1	26	FA	G	PT VALMAR	$1/AC		
1	26	FA	L	FW PAWNEE		$2.75/AC	1 GALLON WATER
1	26	FA	G	PT WILLMAR		$6/TONNE	DEEP BANDING WITH AVADEX
2	CALGARY	FA	L	TM GREEN DROP		$2.75/AC	

FERTILIZER APPLICATION 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
2	CALGARY	FA	L	PT BAND WAGON	$1.25/AC		
2	CALGARY	FA	G	FL WILLMAR		$3.50/AC	DEEP BANDING UNIT
2	CALGARY	FA	L	FL TERRIGATOR		$3.75/AC	
2	CALGARY	FA	G	PT WILLMAR	$1/AC		
2	ID7	FA	G	PT WILLMAR	$0.65/AC		
2	ID7	FA	G	AS PRASCO		$4/AC	DEEP BANDING; CULTIVATOR INC.
2	ID7	FA	G	AS LEON		$4/AC	DEEP BANDING; CULTIVATOR INC.
2	ID7	FA	G	FW CESSNA/TRANSLAND		$3.50/AC	UP TO 50 LBS.
2	ID7	FA	G	FL TERRIGATOR		$3/AC	
2	MD31	FA	L	PT GREEN DROP		$6/AC	DEEP BANDING WITH HERBICIDES
2	MD31	FA	L	PT MELROW		$6/AC	WITH HERBICIDES
2	MD31	FA	A	PT MCGREGGOR		$4/AC	
2	MD31	FA	G	AS PRASCO		$10/AC	DEEP BANDING WITH HERBICIDES
2	MD31	FA	G	PT IHT HOE DRILL		$3/AC	
2	MD44	FA	G	TM BIG WHEELS		$2.75/AC	
2	MD44	FA	A	PT MCGREGGOR	$80/TONNE		WITH PURCHASE OF PRODUCT; INCLUDES CULT
2	MD44	FA	G	FL LOR-AL EASY RIDER		$3.50/AC	WITH HERBICIDES
2	MD44	FA	G	PT WILLMAR	$0.75/AC		
2	MD44	FA	G	FL LOR-AL EASY RIDER		$3/AC	
2	MD44	FA	G	TM BIG WHEELS		$3/AC	WITH DOUBLE APPLICATION OF AVADEX
2	MD44	FA	L	TM TYLER ZODIAC		$6/AC	WITH DOUBLE APPLICATION OF ROUNDUP
2	MD44	FA	G	AS PRASCO		$6/AC	
2	MD44	FA	G,A	TM MCGREGGOR		$3/AC	DUAL BANDER
2	MD44	FA	G,A	PT WAMCO	$4/AC		DUAL BANDER
2	MD44	FA	G	PT WILLMAR	$1/AC		
2	MD44	FA	G	TM AIRFLOW		$3.50/AC	
2	MD44	FA	L	PT BAND WAGON	$1/AC		
2	MD44	FA	L	TM TYLER ZODIAC		$3/AC	
2	MD44	FA	G	FL LOR-AL AIRFLOW		$3/AC	
2	MD48	FA	L	PT BANDWAGON	$2.50/AC		BANDING UNIT
2	MD48	FA	G	AS PRASCO	$2.50/AC		DEEP BANDING UNIT
2	MD48	FA	G	PT WILLMAR	$1/AC		
2	MD48	FA	G	PT WILLMAR	$0.75/AC		WITH PURCHASE OF PRODUCT
2	MD48	FA	G	PT ACCU	$2.50/AC		DEEP BANDING UNIT
2	MD48	FA	L	FL TERRIGATOR		$3/AC	
2	SA3	FA	G	PT JOHN DEERE	$4/AC		BANDING UNIT
2	16	FA	G	PT WILLMAR	$1/AC		
2	16	FA	G	PT SIMONSON	$5/TONNE		WITH PURCHASE OF PRODUCT
2	16	FA	G	PT MOBILITY	$7/TONNE		WITH PURCHASE OF PRODUCT
2	16	FA	G	PT WILLMAR	$1/AC		
2	16	FA	G	FL TERRIGATOR		$2.80/AC	
2	16	FA	G,A	PT WAMCO	$5/AC		DUAL BANDER
2	16	FA	G	FL WILLMAR		$3.50/AC	
2	16	FA	G	AS JOHN DEERE		$6/AC	

FERTILIZER APPLICATION 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
2	16	FA	L	PT DRIBBLE BANDER		$3/AC	
2	16	FA	A	PT MCGREGGOR	$85/TONNE		WITH PURCHASE OF PRODUCT; INCLUDES CULT
2	17	FA	G	FL SMITHBUILT/WILLMAR		$2.75/AC	
2	17	FA	G	PT WILLMAR	$4/TONNE		WITH PURCHASE OF PRODUCT
2	17	FA	G,A	PT BANDUCATOR	$2/AC		DUAL BANDER
2	17	FA	A	PT JOHN BLUE	$16/TONNE		WITH PURCHASE OF PRODUCT
2	17	FA	G	PT MOBILITY	$50/DAY		
2	17	FA	L	PT GREEN DROP		$1.75/AC	DEEP BANDING
2	17	FA	G	PT WILLMAR	$7/TONNE		WITH PURCHASE OF PRODUCT
2	17	FA	G	FL LOR-AL EASY RIDER		$3.50/AC	WITH TREFLAN OR AVADEX
3	MD99	FA	G	PT WILLMAR	$6/TONNE		WITH PURCHASE OF PRODUCT
3	SA4	FA	L	FL MELROW SPRAY COUP		$3/AC	
3	SA4	FA	L	FL BIG A		$3/AC	
3	SA4	FA	G	PT WILLMAR	$0.75/AC		
3	SA4	FA	G	AS PRASCO	$3.50/AC		BANDING UNIT
3	SA4	FA	G	TM BARBER DRIBBLE		$3/AC	
3	SA4	FA	G	AS FRIGGSTAD	$3.50/AC		
3	SA4	FA	G	PT WILLMAR	$0.75/AC		
3	3	FA	G	TM WILLMAR		$2.50/AC	
3	3	FA	G	PT WILLMAR	$30/DAY		
3	10	FA	G	PT WILLMAR	$0.80/AC		
3	10	FA	G	FL TERRIGATOR		$2.90/AC	
3	14	FA	G	FL		$3.25/AC	WITH HERBICIDES
3	14	FA	A	PT JOHN BLUE	$32/TONNE		WITH PURCHASE OF PRODUCT
3	14	FA	A	PT MCGREGGOR	$40/TONNE		WITH PURCHASE OF PRODUCT
3	14	FA	G	TM BARBER DRIBBLE		$3/AC	
3	14	FA	G,A	PT	$3/AC		DUAL BANDER
3	14	FA	G	PT MOBILITY	$5/TONNE		WITH PURCHASE OF PRODUCT
3	14	FA	A	PT FARMORE	$62/TONNE		WITH PURCHASE OF PRODUCT; INCLUDES CULT
3	14	FA	G	PT WILLMAR	$0.35/AC		
3	14	FA	G	PT TYLER	$1/AC		
3	14	FA	G	TM BARBER DRIBBLE		$3.25/AC	
3	14	FA	A	PT MCGREGGOR	$40/TONNE		WITH PURCHASE OF PRODUCT
3	14	FA	G	TM BARBER DRIBBLE		$3/AC	WITH HERBICIDE
3	18	FA	G	PT BANDIT	$2.50/AC		BANDING UNIT
3	18	FA	A	PT COLDFLOW		$5.50/AC	
3	22	FA	G	TM BARBER DRIBBLE		$2.75/AC	
3	22	FA	G	TM WILLMAR		$2.75/AC	
3	22	FA	G	PT WILLMAR	$6/TONNE		
3	22	FA	G	PT WILLMAR	$40/DAY		WITH PURCHASE OF PRODUCT
3	23	FA	G,A	PT BANDUCATOR		$3/AC	DUAL BANDING

FERTILIZER APPLICATION 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
3	23	FA	G	TM BARBER DRIBBLE		$3.25/AC	
3	23	FA	G	PT WILLMAR	$75/DAY		MINIMUM CHARGE
3	23	FA	G	PT BANDUCATOR	$3/AC		BANDING UNIT
3	23	FA	L	FL BIG A		$3.50/AC	
3	23	FA	G	FL JIMMY		$2.75/AC	
3	23	FA	A	PT WARNICK	$80/TONNE		WITH PURCHASE OF PRODUCT; INCLUDES CULT
3	23	FA	G	PT TYLER	$30/DAY		
3	23	FA	G	PT MOBILITY	$50/DAY		
3	23	FA	A	PT MCGREGGOR	$40/TONNE		WITH PURCHASE OF PRODUCT
3	23	FA	G	FL FORD		$2.75/AC	
3	23	FA	A	PT JOHN BLUE	$40/TONNE		WITH PURCHASE OF PRODUCT
3	23	FA	G,A	PT MCGREGGOR/VALMAR	$5/AC		DUAL BANDER
3	29	FA	G	AS PRASCO		$5.50/AC	
3	29	FA	G	AS PRASCO	$1.50/AC		BANDING UNIT
3	29	FA	G	PT TYLER	$5/DAY		
3	29	FA	G	AS FRIGGSTAD		$5/AC	DEEP BANDING
3	29	FA	G	AS PRASCO		$4.75/AC	
4	MD61	FA	L	FL TERRIGATOR		$3.50/AC	
4	MD61	FA	G	FL BIG A		$4/AC	WITH HERBICIDES
4	9	FA	L	PT BANDWAGON		$6.50/AC	
4	9	FA	G,A	BANDUCATOR	$3.75/AC		DUAL BANDER
4	9	FA	G	PT MOBILITY	$9.50/TONNE		WITH PURCHASE OF PRODUCT
4	19	FA	G	PT WILLMAR	$6/TONNE		WITH PURCHASE OF PRODUCT
4	19	FA	G	TM WILLMAR		$3/AC	
4	21	FA	G	PT WILLMAR	$1/AC		$75/DAY MIN & $125/DAY MAX
4	24	FA	G	AS PRASCO	$1.50/AC		
4	24	FA	G	PT SIMONSON	$0.75/AC		
4	24	FA	G	FW GRUMMAN AG-CAT		$4/100LBS	MIN OF 100LBS/AC
4	24	FA	A	PT WESTCAN	$85/TONNE		WITH PURCHASE OF PRODUCT; INC CULTIVATOR
4	24	FA	G	PT WILLMAR	$1/AC		
4	24	FA	G	AS FLEXICOIL	$3/AC		WITH CULTIVATOR
4	24	FA	G	PT SIMONSON	$6/TONNE		WITH PURCHASE OF PRODUCT
4	24	FA	A	PT MCGREGGOR	$70/TONNE		WITH PURCHASE OF PRODUCT; INC CULT
4	24	FA	A	PT MCGREGGOR	$40/TONNE		WITH PURCHASE OF PRODUCT
4	24	FA	G	PT WILLMAR	$50/DAY		
4	24	FA	G	FL BIG A		$3/TONNE	
4	24	FA	A	PT MCGREGGOR	$80/TONNE		WITH PURCHASE OF PRODUCT; INC CULTIVATOR
4	24	FA	G	PT VERTEC	$3/TONNE		WITH PURCHASE OF PRODUCT
4	24	FA	G	PT TYLER	$2/AC		BANDING UNIT
4	24	FA	G	PT WILLMAR	$3/TONNE		WITH PURCHASE OF PRODUCT
4	24	FA	G	PT WILLMAR	$50/DAY		
4	24	FA	G	TM WILLMAR		$2.75/AC	
4	24	FA	A	PT COLD FLOW	$11/TONNE		WITH PURCHASE OF PRODUCT
4	24	FA	G	PT MOBILITY	$0.50/AC		

FERTILIZER APPLICATION 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
4	24	FA	G	TM WILLMAR		$3/AC	
4	30	FA	G	TM WILLMAR		$3/AC	WITH HERBICIDES
5	MD90	FA	G,A	PT WESTERN AG	$3.50/AC		DUAL BANDER
5	MD90	FA	G,A	PT VALMAR	$2.75/AC		DUAL BANDER WITH CULT & SPRAY ATTACH
5	MD90	FA	G	PT WILLMAR	$5.50/TONNE		WITH PURCHASE OF PRODUCT
5	MD90	FA	L	FL TERRIGATOR		$2.75/AC	WITH HERBICIDES
5	MD90	FA	G	PT WESTERN AG	$3/AC		BANDING UNIT
5	MD90	FA	G,A	AS JOHN DEERE		$9/AC	DUAL BANDING WITH HERBICIDES
5	MD90	FA	G	TM SMITHBUILT		$2.75/AC	WITH HERBICIDES
5	MD90	FA	G	TM TYLER		$2.50/AC	
5	MD90	FA	G	PT WILLMAR	$5/TONNE		WITH PURCHASE OF PRODUCT
5	MD90	FA	G	PT WILLMAR	$5/TONNE		WITH PURCHASE OF PRODUCT
5	MD92	FA	G	TM WILLMAR		$2/AC	
5	20	FA	G	PT TYLER	$2/AC		BANDING UNIT
5	20	FA	G,A	AS JOHN DEERE		$8.50/AC	DUAL BANDING WITH HERBICIDES
5	20	FA	G,A	AS JOHN DEERE		$7.50/AC	DUAL BANDING
5	20	FA	G	PT TYLER	$6/TONNE		WITH PURCHASE OF PRODUCT
5	20	FA	G,A	AS PRASCO		$6.50/AC	DUAL BANDING
5	20	FA	G	AS JOHN DEERE		$7/AC	GOOD NEIGHBOR RATE; DEEP BANDING
5	20	FA	G	PT WILLMAR	$5/TONNE		WITH PURCHASE OF PRODUCT
5	20	FA	G,A	AS JOHN DEERE		$150/HR	DUAL BANDING; 15-18 AC/HR
5	20	FA	G,A	PT VALMAR	$2.50/AC		DUAL BANDING UNIT WITH CULTIVATOR
5	20	FA	G	TM WILLMAR		$3/AC	
5	25	FA	G	PT WILLMAR	$1/AC		$75/DAY MIN & $125/DAY MAX
5	25	FA	G	PT WILLMAR	$45/DAY		WITH PURCHASE OF PRODUCT
5	25	FA	A	PT MCGREGGOR	$80/TONNE		WITH PURCHASE OF PRODUCT; INCLUDES CULT
5	25	FA	G	TM WILLMAR		$3.50/AC	
5	31	FA	G	FL BIG A		$3/AC	
5	31	FA	G	PT TYLER	$10/TONNE		WITH PURCHASE OF PRODUCT
6	ID16	FA	G	PT WILLMAR	$40/DAY		
6	ID17	FA	G	FL TERRIGATOR		$3.25/AC	
6	ID17	FA	G	PT WILLMAR	$35/DAY		
6	ID21	FA	G	PT SIMONSON	$50/DAY		8 TONNE CAPACITY
6	ID21	FA	G	PT WILLMAR	$35/DAY		5 TONNE CAPACITY
6	MD130	FA	G	PT WILLMAR	$35/DAY		
6	MD130	FA	G	TM TYLER		$3.25/AC	
6	MD133	FA	G	PT WILLMAR	$50/DAY		
6	MD136	FA	L	FW CESSNA AG-WAGON		$4/100LBS	MIN 100 LBS/AC

FERTILIZER APPLICATION 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
6	MD136	FA	G	PT WILLMAR	$50/DAY		
6	1	FA	G	PT TYLER	$3.50/AC		WITH CULTIVATOR
6	1	FA	G	FL TERRIGATOR		$3.25/AC	
6	1	FA	G	FL BIG A		$3/AC	4 WHEELER
6	1	FA	G	PT WILLMAR	$5/TONNE		WITH PURCHASE OF PRODUCT
6	1	FA	G	TM BARBER DRIBBLE		$2.75/AC	
6	1	FA	G	TM WILLMAR		$2.75/AC	
6	1	FA	G	TM TYLER		$3/AC	
6	1	FA	L	FL TERRIGATOR		$3.25/AC	
6	1	FA	G	AS FRIGGSTAD	$3.50/AC		BANDING UNIT
6	1	FA	L	PT JOHN DEERE	$1.50/AC		
6	1	FA	L	PT GREEN DROP	$1.50/AC		LIQUID BANDING UNIT
6	1	FA	G	TM TYLER		$3.25/AC	WITH HERBICIDES
6	1	FA	L	FL BIG A		$3.50/AC	3 WHEELER
6	1	FA	G	PT WILLMAR	$40/DAY		WITH PURCHASE OF PRODUCT

HERBICIDE APPLICATION 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
1	MD1	HA	L	PT GREAT NORTHERN		$2.50/AC	
1	MD14	HA	L	FW PAWNEE		$3/AC	1 GALLON WATER
1	MD14	HA	L	FW PAWNEE		$2.75/AC	1 GALLON WATER
1	MD14	HA	L	FW PAWNEE		$3.50/AC	2 GALLONS WATER
1	MD14	HA	L	FW PAWNEE		$3.40/AC	2 GALLONS WATER
1	MD26	HA	G	PT NODET	$1/AC		
1	MD26	HA	L	PT VERSATILE		$1.50/AC	
1	MD26	HA	L	TM CENTURY		$2.75/AC	10 GALLONS WATER
1	MD26	HA	L	TM VICON		$50/HR	SMALL LOTS AND SCHOOL FIELDS
1	MD26	HA	L	TM HARDY		$2.50/AC	
1	MD26	HA	L	TM CENTURY		$2.75/AC	4 GALLONS WATER
1	MD6	HA	G	PT NODET	$1/AC		
1	MD6	HA	L	FL MELROW SPRAY COUP		$2/AC	
1	MD9	HA	G	TM VALMAR		$50/HR	
1	MD9	HA	L	TM MELROW SPRAY COUP		$2.50/AC	
1	2	HA	G	PT WAMCO	$2.75/AC		WITH ANHYDROUS APPLICATOR
1	2	HA	L	TM SPRAYER		$2/AC	
1	4	HA	L	FL TERRIGATOR		$3.75/AC	15 GALLONS WATER
1	4	HA	L	FW CESSNA		$5/AC	10 GALLONS WATER
1	4	HA	L	FW THRUSH COMMANDER		$3.75/AC	3 GALLONS WATER
1	4	HA	L	FW CESSNA		$2.55/AC	1 GALLON WATER
1	4	HA	L	FW THRUSH COMMANDER		$3/AC	1 GALLON WATER
1	4	HA	L	FL TERRIGATOR		$7.50/AC	50 GALLONS WATER
1	8	HA	L	TM JOHN DEERE		$3/AC	
1	8	HA	L	FW AG CAT		$3.25/AC	1 GALLON WATER
1	8	HA	L	FW AG CAT		$3.75/AC	2 GALLONS WATER
1	26	HA	L	FW PAWNEE		$3.50/AC	2 GALLONS WATER
1	26	HA	G	PT VALMAR	$1/AC		
1	26	HA	L	FW PAWNEE		$2.75/AC	1 GALLON WATER
1	26	HA	G	PT NODET	$1/AC		
2	CALGARY	HA	G	PT VALMAR	$1/AC		
2	ID7	HA	G	PT VALMAR	$1/AC		UNDER 600 ACRES
2	ID7	HA	L	FW PIPER, CESSNA		$3.50/AC	2 GALLONS WATER
2	ID7	HA	L	FW PIPER, CESSNA		$3/AC	1 GALLON WATER
2	ID7	HA	G	PT VALMAR	$0.50/AC		OVER 600 ACRES
2	ID7	HA	G	FW CESSNA/TRANSLAND		$3.50/AC	UP TO 50 LBS.
2	MD31	HA	L	PT GEORGE WHITE		$2.25/AC	
2	MD31	HA	G	PT NODET	$1/AC		
2	MD31	HA	L	PT BLANCHARD		$3/AC	

HERBICIDE APPLICATION 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
2	MD31	HA	G	FW GRUMMAN AG-CAT		$3/AC	
2	MD31	HA	L	FW GRUMMAN AG-CAT		$3/AC	1 TO 2 GALLONS WATER
2	MD31	HA	L	PT COMPUTER SPRAY		$2/AC	
2	MD31	HA	L	FW GRUMMAN AG-CAT		$3.25/AC	3 GALLONS WATER
2	MD44	HA	G	TM VALMAR		$2/AC	
2	MD44	HA	G	PT NODET	$0.75/AC		
2	MD44	HA	L	FW CESSNA AG-TRUCK		$3.60/AC	2 GALLONS WATER
2	MD44	HA	L	FW CESSNA AG-WAGON		$3.10/AC	1 GALLON WATER
2	MD44	HA	G	TM AIRFLOW		$3.50/AC	
2	MD44	HA	L	FW CESSNA AG-CARRYALL		$4.10/AC	3 GALLONS WATER
2	MD44	HA	L	TM AIRFLOW		$3.50/AC	
2	MD44	HA	L	TM TYLER ZODIAC		$2.75/AC	
2	MD47	HA	L	FW CESSNA AG-TRUCK		$3/AC	1 GALLON WATER
2	MD47	HA	G	FW TRANSLAND		$3.50/AC	
2	MD47	HA	L	FW CESSNA AG-TRUCK		$3.50/AC	2 GALLONS WATER
2	MD48	HA	L	FL TERRIGATOR		$3/AC	
2	MD48	HA	G	PT VALMAR	$1/AC		
2	MD48	HA	L	TM SPRAFOIL		$3.75/AC	
2	MD48	HA	G	PT VALMAR	$1/AC		
2	MD48	HA	G	TM VALMAR		$2/AC	
2	SA3	HA	L	FL TERRIGATOR		$3.50/AC	
2	16	HA	G	PT VALMAR	$1.50/AC		WITH PURCHASE OF PRODUCT
2	16	HA	G	PT VALMAR	$1/AC		
2	16	HA	L	TM SPRAYER		$3.75/AC	
2	16	HA	L	FL TERRIGATOR		$2.80/AC	
2	16	HA	G	PT VALMAR	$1.50/AC		
2	16	HA	G	PT VALMAR	$1/AC		
2	17	HA	L	TM HARDY		$3/AC	
2	17	HA	G	PT TYLER ZODIAC	$1.50/AC		DEEP BANDING UNIT
2	17	HA	L	TM DEMPSTER		$2.80/AC	GOOD NEIGHBOR RATE
2	17	HA	L	PT VERSATILE		$2/AC	
2	17	HA	L	TM DEMPSTER		$3.25/AC	
3	SA4	HA	L	FL BIG A		$3/AC	
3	SA4	HA	G	PT VALMAR		$3/AC	
3	SA4	HA	L	FL MELROW SPRAY COUP		$3/AC	
3	3	HA	L	PT VERSATILE		$2.75/AC	INCLUDES HAULING
3	3	HA	L	PT GREAT NORTHERN		$2.75/AC	
3	10	HA	L	FW GRUMMAN		$4/AC	UP TO 3 GALLONS WATER
3	14	HA	G	PT VALMAR	$0.80/AC		

HERBICIDE APPLICATION 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
3	18	HA	L	FW PAWNEE		$3/AC	1 GALLON WATER
3	18	HA	G	PT VALMAR	$1/AC		
3	22	HA	G	PT NODET	$1/AC		
3	23	HA	G	PT VALMAR	$1.75/AC		
3	23	HA	G	PT VALMAR	$1/AC		
3	23	HA	G	PT VALMAR	$150/DAY		
3	23	HA	L	FL BIG A		$3.50/AC	
3	23	HA	L	PT INLAND		$3.50/AC	
3	29	HA	G	PT NODET	$1/AC		
3	29	HA	L	PT CENTURY		$4/AC	
3	29	HA	L	FW THRUSH		$3.60/AC	2 GALLONS WATER
3	29	HA	L	TM GREAT NORTHERN		$3/AC	
3	29	HA	G	PT VALMAR	$0.50/AC		
3	29	HA	L	FW AG-CAT		$3.25/AC	2 GALLONS WATER
3	29	HA	L	FW PAWNEE		$3/AC	1 GALLON WATER
3	29	HA	L	FW PAWNEE		$3.50/AC	2 GALLONS WATER
3	29	HA	G	TM VALMAR		$2.50/AC	
3	29	HA	L	FW THRUSH		$3.10/AC	1 GALLON WATER
3	29	HA	L	PT VERSATILE		$3/AC	
3	29	HA	L	FW AG-CAT		$3/AC	1 GALLON WATER
4	MD52	HA	L	FW PAWNEE		$2.75/AC	1 GALLON WATER
4	MD52	HA	L	FL MELROW SPRAY COUP		$2.75/AC	LESS THAN 5 GALLONS/AC
4	MD52	HA	L	FL MELROW SPRAY COUP		$3.25/AC	5 - 10 GALLONS/AC
4	MD52	HA	L	FW CESSNA AG-WAGON		$3.10/AC	1 GALLON WATER
4	MD52	HA	L	FW CESSNA AG-TRUCK		$3.60/AC	2 GALLONS WATER
4	MD52	HA	L	FW CESSNA AG-CARRYALL		$4.10/AC	3 GALLONS WATER
4	MD61	HA	L	FL TERRIGATOR		$3.50/AC	
4	9	HA	L	FL TERRIGATOR		$3/AC	
4	9	HA	G	PT VALMAR	$1/AC		
4	21	HA	G	PT VALMAR	$1/AC		$75/DAY MIN & $125/DAY MAI
4	24	HA	G	PT NODET	$0.70/AC		
4	24	HA	G	FW GRUMMAN AG-CAT		$3.25/AC	
4	24	HA	G	PT NODET	$0.70/AC		
4	24	HA	L	FW GRUMMAN AG-CAT		$3.25/AC	1 GALLON WATER
4	24	HA	L	FW GRUMMAN AG-CAT		$3.75/AC	2 GALLONS WATER
4	24	HA	G	PT VALMAR	$1/AC		
4	24	HA	L	FW GRUMMAN AG-CAT		$4.25/AC	3 GALLONS WATER
4	24	HA	G	PT NODET	$0.75/AC		
4	24	HA	L	FW GRUMMAN AG-CAT		$4.85/AC	5 GALLONS WATER
4	27	HA	L	BELL 47 HELICOPTER		$4/AC	2 GALLONS WATER
4	27	HA	L	BELL 47 HELICOPTER		$3.50/AC	1 GALLON WATER

HERBICIDE APPLICATION 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
5	ID14	HA	L	TM FANCO		$3/AC	
5	ID14	HA	L	TM FANCO		$50/HR	
5	MD90	HA	G	PT NODET	$0.60/AC		
5	MD90	HA	G	PT VALMAR	$0.60/AC		
5	20	HA	G	PT VALMAR	$1.50/AC		
5	20	HA	G	PT NODET	$0.70/AC		
5	25	HA	G	PT VALMAR	$1/AC		$75/DAY MIN & $125/DAY MAX
6	ID17	HA	G	PT VALMAR	$35/DAY		
6	MD130	HA	L	PT VERTEC		$3/AC	
6	MD133	HA	G	PT VALMAR	$75/DAY		
6	MD136	HA	G	PT VALMAR	$1/AC		
6	MD136	HA	L	FW CESSNA AG-WAGON		$3.20/AC	1 GALLON WATER
6	MD136	HA	L	FW CESSNA AG-WAGON		$3.70/AC	2 GALLONS WATER
6	1	HA	L	TM WILLMAR		$3/AC	
6	1	HA	L	FL BIG A		$3.75/AC	3 WHEELER
6	1	HA	G	PT NODET	$50/DAY		WITH PURCHASE OF PRODUCT
6	1	HA	G	FL TERRIGATOR		$3.25/AC	
6	1	HA	G	PT NODET	$50/DAY		

CROP SEEDING 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
1	MD14	CS		PT ROW CROP VACUUM		$12/AC	SUNFLOWERS
1	MD14	CS		FW AIR TRACTOR		$5/AC	ALL CROPS
1	MD14	CS		PT ROW CROP VACUUM		$15/AC	SUGAR BEETS OR BEANS
1	MD26	CS		AS JOHN DEERE		$6/AC	ALL CROPS
1	MD9	CS		PT IHT HOE-DRILL		$6/AC	ALL CEREAL CROPS
1	2	CS		AS PRASCO		$6.50/AC	ALL CROPS; WITH ANHYDROUS OR DRY FERT
1	4	CS		FW THRUSH COMMANDER		$5/AC	ALFALFA, CANOLA, MUSTARD UNDER 25 ACRES
1	4	CS		FL TERRIGATOR		$5/AC	ALFALFA WITH FERTILIZER
1	4	CS		FW THRUSH COMMANDER		$4.75/AC	ALFALFA, CANOLA, MUSTARD OVER 25 ACRES
1	8	CS		PT IHT HOE DRILL		$8/AC	ALL CEREAL CROPS WITH FERT
1	26	CS		PT IHT HOE-DRILL		$4/AC	ALL CEREAL CROPS
1	26	CS		PT VALMAR	$1/AC		ALFALFA
2	ID7	CS		FW CESSNA/TRANSLAND		$3.50/AC	UP TO 50 LBS. ALL CROPS
2	MD31	CS		FW GRUMMAN AG-CAT		$3/AC	ALL OILSEED & GRASS CROPS
2	MD31	CS		AS PRASCO		$7/AC	ALL CEREAL CROPS
2	MD31	CS		PT PRESS DRILL		$6/AC	ALL GRASS AND CEREAL CROPS
2	MD31	CS		PT IHT HOE DRILL		$5/AC	ALL CEREAL CROPS
2	MD31	CS		PT IHT HOE DRILL		$6.50/AC	CEREAL CROPS WITH FERTILIZER
2	MD31	CS		PT IHT DOE DRILL		$8/AC	ALL CEREAL & OILSEED CROPS
2	MD31	CS		PT IHT HOE DRILL		$8/AC	ALL CROPS
2	MD44	CS		FW TRANSLAND		$3.50/AC	ALL CROPS
2	MD44	CS		AS PRASCO		$5/AC	ALL CEREAL CROPS
2	MD44	CS		FL LOR-AL AIRFLOW		$6/AC	GRASS + FERTILIZER DOUBLE APPLIED
2	MD44	CS		TM AIRFLOW		$3.50/AC	WITH FERTILIZER OR HERBICIDE
2	MD44	CS		PT IHT DRILL		$6/AC	ALL CEREAL CROPS
2	MD48	CS		AS FRIGGSTAD		$7/AC	GNR; OILSEEDS; WITH HARROW/PACKERS
2	MD48	CS		AS FRIGGSTAD		$9/AC	OILSEEDS; WITH HARROW/PACKERS
2	16	CS		AS JOHN DEERE		$6/AC	ALL CROPS
2	16	CS		FL TERRIGATOR		$4/AC	ALL CEREAL CROPS
2	16	CS		PT BRILLION	$2.50/AC		
2	16	CS		FL TERRIGATOR		$2.80/AC	ALL GRASS & OILSEED CROPS
2	17	CS		PT JD GRAIN DRILL		$6.50/AC	CEREAL CROPS + GRASS
2	17	CS		PT JD GRAIN DRILL		$7.50/AC	CEREAL CROPS + FERTILIZER + GRASS
2	17	CS		FL LOR-AL EASY RIDER		$3.50/AC	OILSEEDS AND FORAGE CROPS
2	17	CS		PT JD GRAIN DRILL		$5/AC	ALL CEREAL CROPS
2	17	CS		FL NODWEL		$45/HR	GRASSES
2	17	CS		PT JD GRAIN DRILL		$6.50/AC	CEREAL CROPS + FERTILIZER

CROP SEEDING 1986

REGION	COUNTY	OPERATION	PRODUCT FORM	TYPE OF APPLICATOR	RENTAL COST	CUSTOM COST	NOTES
3	SA4	CS		AS JOHN DEERE		$6.50/AC	ALL CROPS
3	3	CS		PT DOUBLE DISC DRILL		$8/AC	ALL CEREAL CROPS
3	6	CS		PT HOE DRILL		$5.50/AC	ALL CEREAL CROPS
3	10	CS		FW GRUMMAN		$6/AC	ALL GRASSES
3	10	CS		FW GRUMMAN		$5/AC	ALL OILSEED CROPS
3	23	CS		PT HOE DRILL		$7.20/AC	ALL CROPS; WITH FERTILIZER
3	29	CS		FW PAWNEE		$3/AC	ALL OILSEED CROPS
3	29	CS		FW THRUSH		$4/AC	ALL CEREAL CROPS
3	29	CS		FW THRUSH		$3.50/AC	ALL GRASS AND OILSEED CROPS
3	29	CS		AS PRASCO		$5.50/AC	ALL OILSEED AND CEREAL CROPS
3	29	CS		FW THRUSH		$3/AC	ALL OILSEED CROPS
3	29	CS		AS JOHN DEERE		$4/AC	ALL CEREAL CROPS
4	ID18	CS		PT JD SEED DRILL		$5/AC	ALL CEREAL & OILSEED CROPS
4	MD52	CS		FW TRANSLAND		$3.50/AC	ALL CROPS
4	24	CS		FW GRUMMAN AG-CAT		$3.75/AC	ALL GRASSES, LEGUMES
4	24	CS		FW GRUMMAN AG-CAT		$4.25/AC	ALL CEREAL CROPS
4	24	CS		FW GRUMMAN AG-CAT		$3.25/AC	ALL OILSEED CROPS
4	27	CS		BELL 47 HELICOPTER		$3/AC	ALL OILSEED CROPS
5	MD92	CS		PT JD PRESS DRILL		$3.50/AC	ALL GRASS AND OILSEED CROPS
5	MD92	CS		PT VALMAR			CROP SHARE; OILSEED CROP
5	20	CS		PT IHT PRESS DRILL		$4/AC	ALL OILSEED CROPS WITH FERTILIZER
5	20	CS		PT VALMAR	$2.50/AC		GRASS SEEDING
5	20	CS		PT IHT PRESS DRILL		$4.50/AC	ALL OILSEED CROPS